

FIG. 1

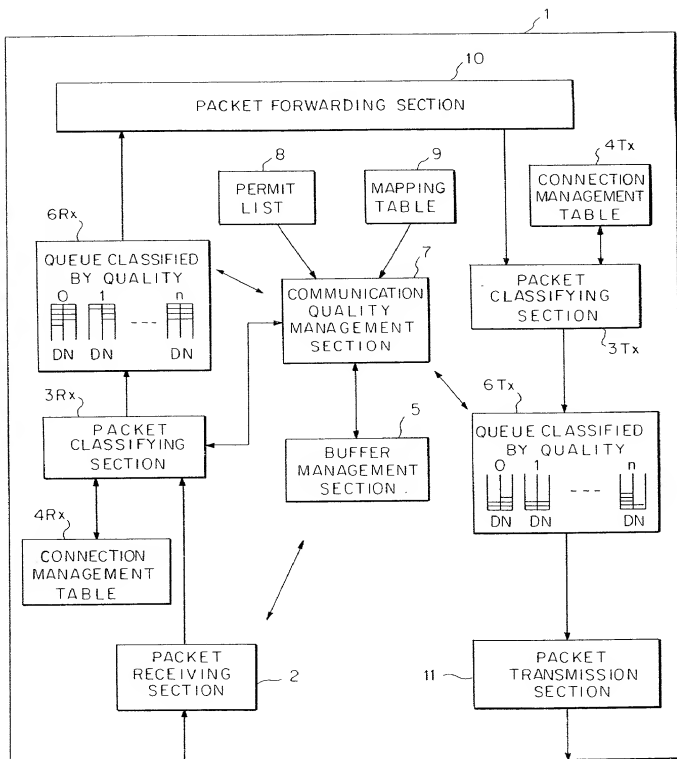


FIG. 2

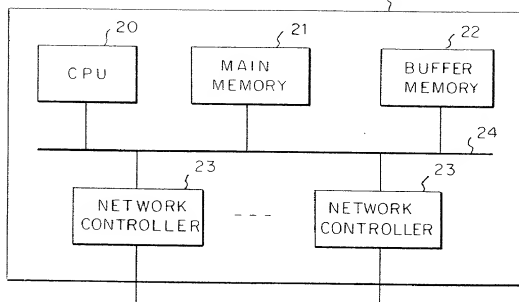


FIG. 3

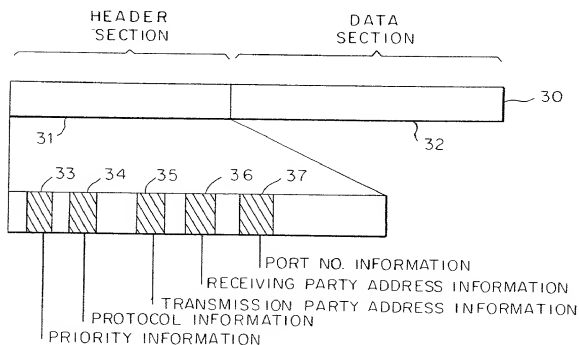


FIG. 4

NO	RECEIVING PARTY ADDRESS	PROTOCOL	PORT NO.	POINTER INFORMATION	
1	b	A	w	1	} TO MAPPING TABLE
2	c	B	x	2	

FIG. 5a

TRANSMISSION PARTY ADDRESS	RECEIVING PARTY ADDRESS	PERMIT FLAG	POINTER INFORMATION	
a	b	ON	1	} TO MAPPING TABLE
a	c	ON	2	
a	d	ON	3, 4	
a	e	OFF	-	

FIG. 5b

IDENTIFIER	PROTOCOL PORT NO.	PRIORITY INFORMATION							
		0	1	2	3	4	5	6	7
1	<A,w>	0D	0D	0D	0D	1D	1D	1D	1D
2	<B,x>	3N	3N	3N	3N	3N	3N	3N	3N
3	<C,y>	2D	2D	3D	3D	3N	3N	3N	3N
4	<C,z>	2D	2D	3D	3D	3D	3D	3D	3D

O: PRIORITY CLASS LOW

D: DISCARDED CLASS DROP

N: DISCARDED CLASS NON-DROP



FIG. 7

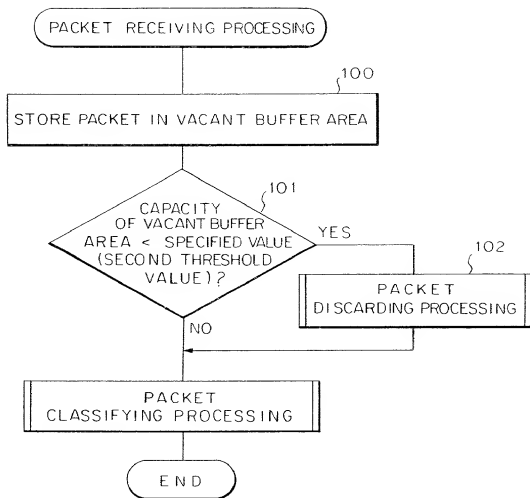


FIG. 8

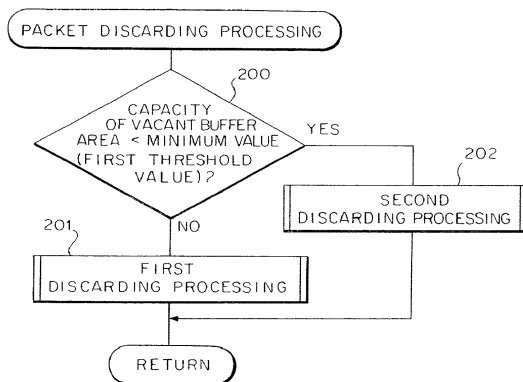


FIG. 9

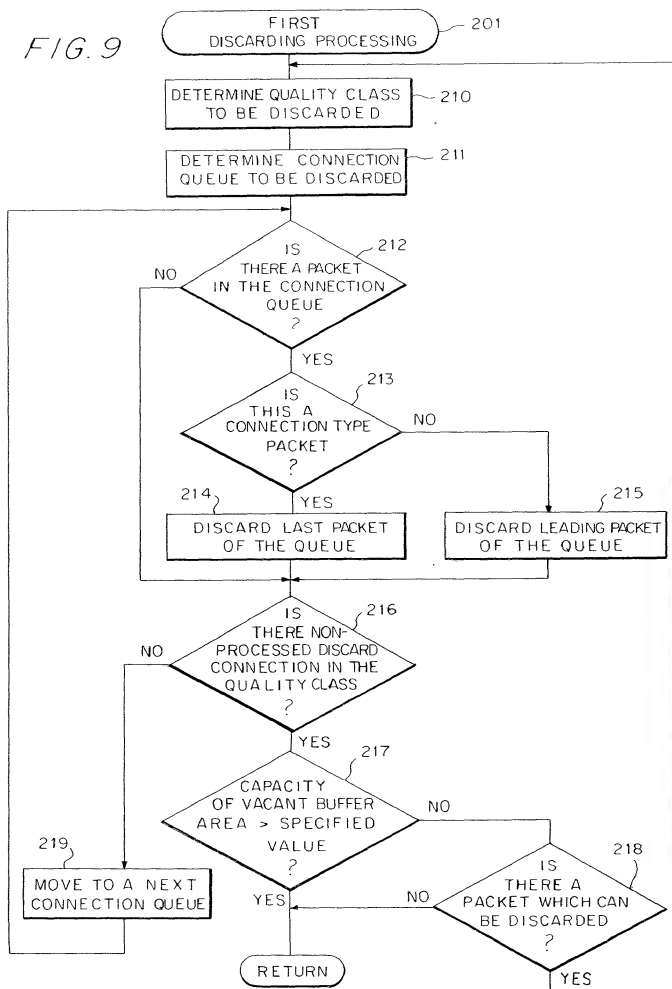
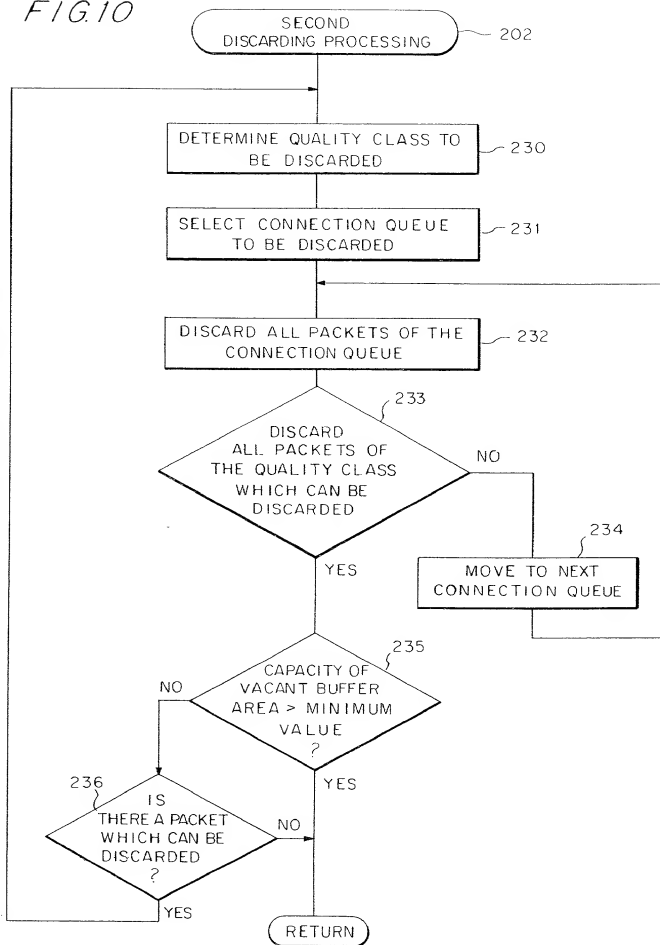


FIG. 10



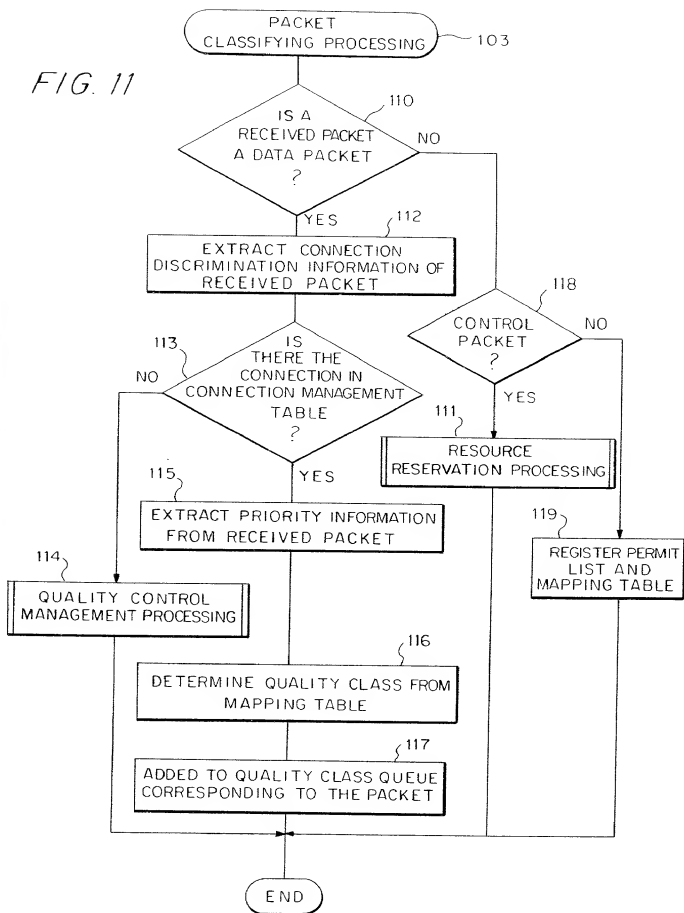
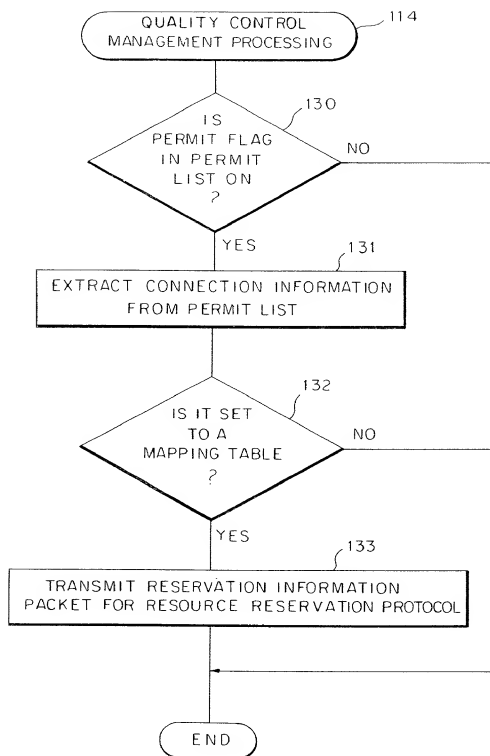




FIG. 12



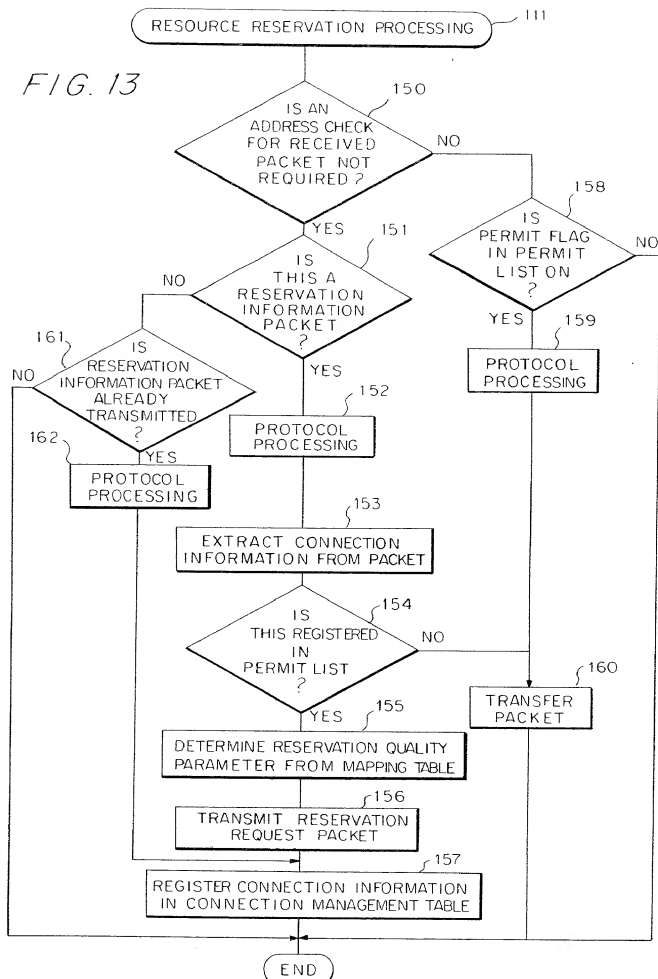


FIG. 14

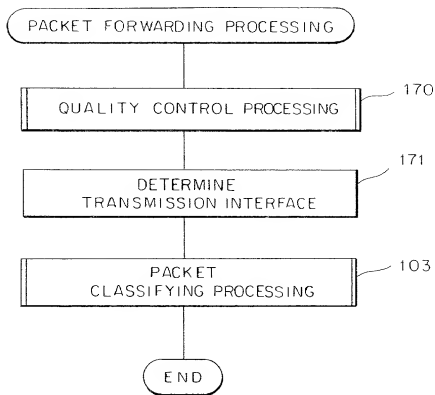
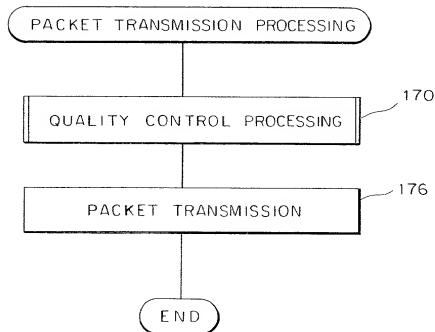


FIG. 15



QUALITY CONTROL PROCESSING 170

SET MAXIMUM VALUE  $M_i$   
( $i = 0, 1, 2, 3$ ) 191

NUMBER OF PROCESSING  
BYTES  $B_i = 0$  ( $i = 0, 1, 2, 3$ ) 180

$n = 3$  181

IS  
THERE A  
PACKET IN  
N-TH QUALITY  
CLASS ? 182

NO

YES

NUMBER  
OF PROCESSING  
BYTES  $B_n \leq$  MAXIMUM  
VALUE  $M_n$  ? 183

NO

YES 184

DETERMINE CONNECTION QUEUE  
TO BE PROCESSED 185

TAKE OUT PACKET 186

ADD THE NUMBER  
OF PROCESSING BYTES 187

STORE A POINTER IN A NEXT  
CONNECTION QUEUE 188

END

FIG. 16

$n = 0$  ? 188

NO

YES

$n = n - 1$  189

NUMBER OF PROCESSING BYTES  
 $B_i = 0$  ( $i = 0, 1, 2, 3$ ) 190

FIG. 17

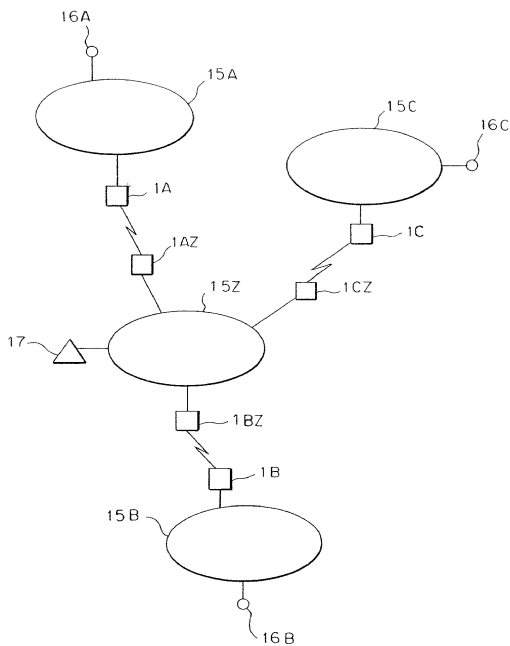


FIG. 18

